

Focus Area 24: Respiratory Diseases

Objective 24-1e targets an overall reduction in the asthma death rate for persons aged 65 years and over to 60.0 per 1,000,000 population.

California's asthma death rates were 73.6 per 1,000,000 population aged 65 and over in 2000, 75.7 in 2001, 68.3 in 2002, and 59.2 in 2003 based on data extracted from the Death Statistical Master Files (Figure 24-1e, Table 24-1e). These rates were significantly higher than the HP2010 target between 2000-2002, but in 2003 the rate was below the target and the objective is being achieved for Californians aged 65 years and over.

California data by race and ethnicity show that the highest reliable asthma death rate for persons aged 65 and over was found for African Americans/Blacks (135.8 per 1,000,000 in 2001), followed by Asians (104.5 per 1,000,000 in 2000, 130.8 in 2001, 106.6 in 2002, and 102.0 in 2003). The next highest asthma death rates for this age group were found for Whites (73.8 per 1,000,000 in 2000, 68.4 in 2001, 66.9 in 2002, and 60.0 in 2003). The HP2010 objective is being achieved for Whites as of 2003, and for the Hispanic/Latino population (62.2 per 1,000,000 in 2000, 46.7 in 2001, and 51.2 in 2002). Death rates for the American Indian/Alaska Native, Pacific Islander, and the "Multirace" populations were unreliable due to the small number of events, and are not reported here except in instances where no deaths were reported.

Asthma death rates for females aged 65 and over (86.7 per 1,000,000 in 2000, 90.5 in 2001, 82.3 in 2002, and 73.0 in 2003) were significantly higher than death rates for males (55.6 per 1,000,000 in 2000 and 2001, 49.4 in 2002, and 40.8 in 2003). This HP2010 objective is being achieved for males, but not for females aged 65 and over as of 2003.

For more information on asthma in California, visit the California Asthma Public Health Initiative Web site at:

<http://www.dhs.ca.gov/ps/cdic/cdcb/Medicine/Asthma/index.htm>

For more information on Healthy People 2010 objective 24-1e, please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/24Respiratory.htm#_Toc489704825

and

<http://www.healthypeople.gov/Document/html/tracking/od24.htm#asthma>

Figure 24-1e
Asthma Death Rates
Among Persons Aged 65 and Over
California, 2000-2003

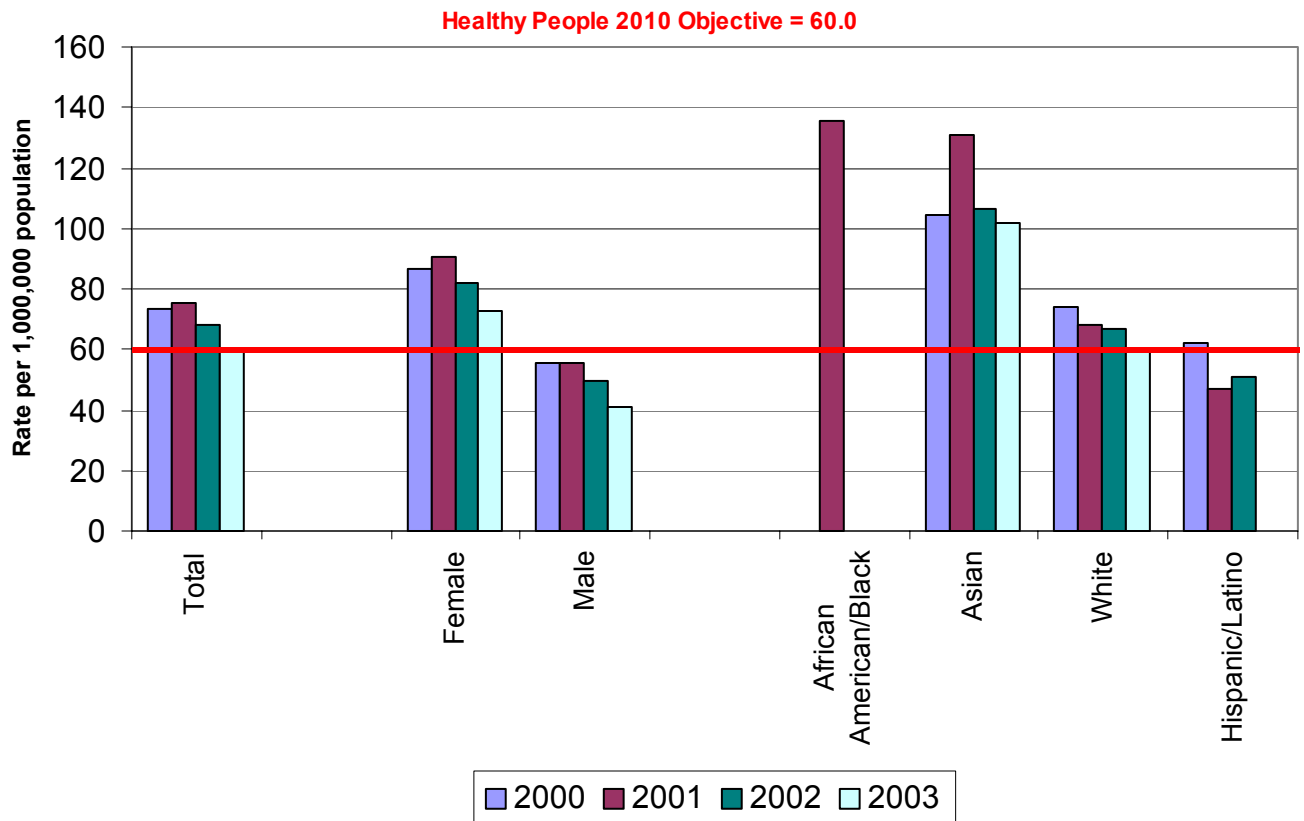


Table 24-1e
Asthma Deaths and Death Rates
California, 2000-2003

Asthma Deaths, Ages 65 and over*	2000				2001			
	N	Rate ¹	Lower C.I.	Upper C.I.	N	Rate ¹	Lower C.I.	Upper C.I.
Healthy People 2010 Objective 24-1e		60.0			60.0			
CALIFORNIA TOTAL	267	73.6	72.6	74.6	283	75.7	74.7	76.7
Race-Ethnicity								
African American/Black	9	DSU	-----	-----	26	135.8	131.3	140.2
American Indian/Alaska Native	1	DSU	-----	-----	2	DSU	-----	-----
Asian	38	104.5	101.3	107.8	51	130.8	127.6	133.9
Pacific Islander	1	DSU	-----	-----	2	DSU	-----	-----
Hispanic/Latino	30	62.2	59.4	65.0	24	46.7	44.0	49.5
White	188	73.8	72.6	75.0	177	68.4	62.2	67.2
Multirace	0	0.0	0.0	0.0	1	DSU	-----	-----
Gender								
Female	182	86.7	85.4	88.1	195	90.5	89.2	91.8
Male	85	55.6	54.0	57.2	88	55.6	54.0	57.1

Asthma Deaths, Ages 65 and over*	2002				2003			
	N	Rate ¹	Lower C.I.	Upper C.I.	N	Rate ¹	Lower C.I.	Upper C.I.
Healthy People 2010 Objective 24-1e		60.0			60.0			
CALIFORNIA TOTAL	263	68.3	67.3	69.3	234	59.2	51.6	66.8
Race-Ethnicity								
African American/Black	12	DSU	-----	-----	13	DSU	-----	-----
American Indian/Alaska Native	2	DSU	-----	-----	0	0.0	0.0	0.0
Asian	44	106.6	103.6	109.6	44	102.0	71.9	132.2
Pacific Islander	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Hispanic/Latino	28	51.2	48.5	53.8	17	DSU	-----	-----
White	176	66.9	65.7	68.1	160	60.0	50.7	69.3
Multirace	1	DSU	-----	-----	0	0.0	0.0	0.0
Gender								
Female	182	82.3	81.0	83.6	165	73.0	61.9	84.1
Male	81	49.4	47.9	50.9	69	40.8	31.2	50.4

SOURCES: California Department of Health Services, Death Statistical Master Files, 2000-2003;
CA Department of Finance, Demographic Research Unit, Population Projections by Race/
Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: * Asthma deaths defined by ICD-10 codes J45-J46.

¹ Rate per 1,000,000 population aged 65 years and over.

DSU Data Statistically Unreliable due to small number of events.